

SEQUENCE LISTING

<110> Madeline M. Butler
Andrew T. Watt
Susan M. Freier
Jacqueline Wyatt

<120> ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION

<130> ISPH-0587

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<223> Antisense Oligonucleotide

<400> 1

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<223> Antisense Oligonucleotide

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<212> DNA

<213> Homo sapiens

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<221> CDS

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ccttaaaaag gaagaccagt gatgctagga tggagtgaaa cccaagagga agtgccatca 180
tgaggaatca atgagagatc tgtgaagaga gagggctggg tgggagccca gaaggataga 240
acctggaaga tcaatatctc ccgtgagggg aataaca atg gag cca ggt tct aag 295
Met Glu Pro Gly Ser Lys
1 5

tca gtg tct agg tca gac tgg caa cct gaa cca cac cag agg cct ata 343
Ser Val Ser Arg Ser Asp Trp Gln Pro Glu Pro His Gln Arg Pro Ile
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Leu	Glu	Glu	Cys	Phe	Phe	Ala	Tyr	Cys	Trp	Ala	Ile	Lys	His	Cys	Ala					
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Ser Gln Gly Ala Thr Gln Met Pro Leu Tyr Ser Ser Pro Ile Val Lys	
955 960 965	
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970 975 980	
ctg cca cct gtg cac atc gtg gcg tgc gcg ctg gac ccc atg ctg gac	3271
Leu Pro Pro Val His Ile Val Ala Cys Ala Leu Asp Pro Met Leu Asp	
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Thr Leu Arg Val Val Glu Asp Leu Pro His Gly Phe Leu Thr Leu Ala	
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Ile Arg Leu Val Leu Thr Pro Pro Ala Gly Ala Gly Pro Ser Gly Glu	
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tta cgc acg atg aca cag tgc ctg gtg aca ctc gca gaa gac aat atg 646
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 Ala Phe Phe Ser Ser Gln Gly Pro Gly Glu Thr Ala Arg Arg Leu Ser
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aat gtc ttt gca ggt gtt cgg gaa cag gca ctg ggg ctg gaa cca acc 742
 Asn Val Phe Ala Gly Val Arg Glu Gln Ala Leu Gly Leu Glu Pro Thr
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cta ggc caa ctg ttg ggt gtg gca cac cat ttt gac ctg gac aca gag 790
 Leu Gly Gln Leu Leu Gly Val Ala His His Phe Asp Leu Asp Thr Glu
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aca cca gcc aac gga tac cgt agt ttg gtg cac aca gcc cga tgc tgc 838
 Thr Pro Ala Asn Gly Tyr Arg Ser Leu Val His Thr Ala Arg Cys Cys
 70 75 80

ctg gca cac cta cta cac aaa tcc cgc tat gtg gct tct aac cgc aaa 886
 Leu Ala His Leu Leu His Lys Ser Arg Tyr Val Ala Ser Asn Arg Lys
 85 90 95

agt atc ttc ttc cgt gcc agc cac aac cta gca gag ctg gag gcc tac 934
 Ser Ile Phe Phe Arg Ala Ser His Asn Leu Ala Glu Leu Glu Ala Tyr
 100 105 110

ctg gcc gcc ctc acc cag ctc cgt gct atg gcc tac tat gcc cag cgc 982
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 115 120 125 130

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 135 140 145

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 Gly Leu Thr Ala Asp Phe Leu Gln Glu Tyr Val Thr Leu His Lys Gly
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Cys Phe Tyr Gly Arg Cys Leu Gly Phe Gln Phe Thr Pro Ala Ile Arg	
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Glu Met Pro Leu Thr Ser Asp Pro Arg Leu Thr Val Thr Ile Ser Pro	
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Pro Arg Ser Arg Ala Leu Val Val His Ile His Gly Gly Gly Phe Val	
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agc	ctc	atg	gac	cct	ctt	cta	cca	ctg	agc	gta	ctc	tct	aag	tgt	gtc	2038
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Ser	Ala	Tyr	Ser	Gly	Thr	Glu	Ala	Glu	Asp	His	Phe	Asp	Ser	Asp	Gln	
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Lys	Ala	Leu	Gly	Val	Met	Gly	Leu	Val	Gln	Arg	Asp	Thr	Ser	Leu	Phe	
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Thr	Ile	Lys	Asp	Leu	Ser	Asn	Ser	Glu	Pro	Ser	Asp	Ser	Pro	Glu	Met	
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ctc tac acg tca ccc ata gtc aag aac ccc ttc atg tct cct ctg ctg			2614
Leu Tyr Thr Ser Pro Ile Val Lys Asn Pro Phe Met Ser Pro Leu Leu			
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Ala Pro Asp Ser Met Leu Lys Thr Leu Pro Pro Val His Leu Val Ala			
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Cys Ala Leu Asp Pro Met Leu Asp Asp Ser Val Met Phe Ala Arg Arg			
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Leu Arg Asp Leu Gly Gln Pro Val Thr Leu Lys Val Val Glu Asp Leu			
710	715	720	
ccg cat ggc ttc ctg agc ctg gcg gca ctg tgt cgc gag acc cgg cag			2806
Pro His Gly Phe Leu Ser Leu Ala Ala Leu Cys Arg Glu Thr Arg Gln			
725	730	735	
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Ala Thr Glu Phe Cys Val Gln Arg Ile Arg Leu Ile Leu Thr Pro Pro			
740	745	750	
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Ala Ala Pro Leu Asn			
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Met Asp Leu Arg Thr Met Thr

1

5

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cag tcg ctg gtg act ctg gcg gag gac aac ata gcc ttc ttc tcg agc 700
Gln Ser Leu Val Thr Leu Ala Glu Asp Asn Ile Ala Phe Phe Ser Ser
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Gln Gly Pro Gly Glu Thr Ala Gln Arg Leu Ser Gly Val Phe Ala Gly
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gta cgg gag cag gcg ctg ggg ctg gag ccg gcc ctg ggc cgc ctg ctg 796
Val Arg Glu Gln Ala Leu Gly Leu Glu Pro Ala Leu Gly Arg Leu Leu
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ggg gtg gcg cac ctc ttt gac ctg gac cca gag aca ccg gcc aac ggg 844
Gly Val Ala His Leu Phe Asp Leu Asp Pro Glu Thr Pro Ala Asn Gly
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tac cgc agc cta gtg cac aca gcc cgc tgc tgc ctg gcg cac ctc ctg 892
Tyr Arg Ser Leu Val His Thr Ala Arg Cys Cys Leu Ala His Leu Leu
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cac aaa tcc cgc tat gtg gcc tcc aac cgc cgc agc atc ttc ttc cgc 940
His Lys Ser Arg Tyr Val Ala Ser Asn Arg Arg Ser Ile Phe Phe Arg
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acc agc cac aac ctg gcc gag ctg gag gcc tac ctg gct gcc ctc acc 988
Thr Ser His Asn Leu Ala Glu Leu Glu Ala Tyr Leu Ala Ala Leu Thr
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cag ctc cgc gct ctg gtc tac tac gcc cag cgc ctg ctg gtt acc aat 1036
Gln Leu Arg Ala Leu Val Tyr Tyr Ala Gln Arg Leu Leu Val Thr Asn
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cgg ccg ggg gta ctc ttc ttt gag ggc gac gag ggg ctc acc gcc gac 1084
Arg Pro Gly Val Leu Phe Phe Glu Gly Asp Glu Gly Leu Thr Ala Asp
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ttc ctc cgg gag tat gtc acg ctg cat aag gga tgc ttc tat ggc cgc 1132

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